

15,814,000.†  
 15,597,400.-  
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 934.545454545\*  
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 10,829.9999999\*

AN 612

PRETREATMENT MONITORING REPORTNAME: PSEG SERVICES CORPORATIONMAILING ADDRESS: 80 PARK PLACE, MAILCODE: T17 NEWARK, NJ 07102FACILITY LOCATION: 2000 FRANK E. RODGE BLVD. HARRISON, NJ 07029CATEGORY & SUBPART: UNKNOWNOUTLET #: 1CONTACT OFFICIAL: RAYMOND A. TRIPODITELEPHONE: 973-430-8832NEW CUSTOMER ID / OUTLET ID: 13630001 - 1

OLD OUTLET DESIGNATION: \_\_\_\_\_

Start			End		
08	01	08	08	31	08
MO	DAY	YR	MO	DAY	YR

Average

Maximum

Regulated Flow-gal/day

9,845

15,767

Total Flow-gal/day

9,845

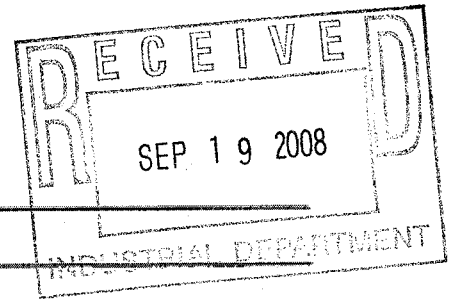
10,830

Method Used: Non-resettable flow meter

Production Rate (if applicable) \_\_\_\_\_

PARAMETER		MASS OR CONCENTRATION			# OF SAMPLES	SAMPLE TYPE
		MON AVG	MAXIMUM	UNITS		
BROMINICAL OX	Sample Measurement	<5.0			1	COMP
	Permit Requirement	0		MG/L		
CADMIUM	Sample Measurement	<0.0004			1	COMP
	Permit Requirement	0.19		MG/L		
COPPER	Sample Measurement	0.019			1	COMP
	Permit Requirement	3.02		MG/L		
LEAD	Sample Measurement	0.0084			1	COMP
	Permit Requirement	0.54		MG/L		
MERCURY	Sample Measurement	<0.0001			1	COMP
	Permit Requirement	0.080		MG/L		
NICKEL	Sample Measurement	0.0078			1	COMP
	Permit Requirement	5.9		MG/L		
ZINC	Sample Measurement	0.0203			1	COMP
	Permit Requirement	1.67		MG/L		
PETROLEUM HYDR	Sample Measurement	<0.56			1	GRAB
	Permit Requirement		100	MG/L		
VOC FOR 413, 4	Sample Measurement	0.0006			1	GRAB
	Permit Requirement		2	MG/L		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
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	Sample Measurement					
	Permit Requirement					

PVSC FORM MR-1 REV: 4/6/87 P 1

**PRETREATMENT MONITORING REPORT**Certification of Non-Use if applicable (use additional sheets): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every  
parameter used: All parameters are in compliance with the discharger limits listed in the Temporary Sewer  
Use Permit  
\_\_\_\_\_  
\_\_\_\_\_Explain Method for preserving samples: After filling, sample containers were sealed, labeled and immediately  
placed in a cooler packed with ice. The samples were kept on ice and shipped to the laboratory on the day  
of sample collection. Samples were preserved as follows: VOCs with hydrochloric acid (HCl); metals with  
nitric acid (HNO<sub>3</sub>); BOD and TPH (as oil and grease) preserved with ice  
\_\_\_\_\_

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

  
\_\_\_\_\_  
Signature of Principal  
Executive or Authorized AgentKatrina Van Deusen  
\_\_\_\_\_

as agent for PSEG Services Corporation – Onsite Representative

Type Name and Title

9/17/08  
\_\_\_\_\_

Date





## SUMMARY OF ANALYTICAL RESULTS: Y294

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of PQLs and GW Quality 2000 Criteria	NJ Higher of PQLs and GW Quality 2005 Criteria	WD-1-Grab
Lab Sample No.			942976
Sampling Date			08/15/2008 00:00
Matrix			WATER
Dilution Factor			1
Units	ug/l	ug/l	ug/L
<b>VOLATILE COMPOUNDS (GC/MS)</b>			
Chloromethane	30	NA	0.4 U
Bromomethane	10	10	0.4 U
Vinyl Chloride	5	1	0.2 U
Chloroethane	100	NA	0.4 U
Methylene Chloride	3	3	0.4 U
Trichlorofluoromethane	2000	2000	0.4 U
1,1-Dichloroethene	2	1	0.5 U
1,1-Dichloroethane	50	50	0.3 U
trans-1,2-Dichloroethene	100	100	0.4 U
cis-1,2-Dichloroethene	70	70	0.3 U
Chloroform	6	70	0.2 U
1,2-Dichloroethane	2	2	0.3 U
1,1,1-Trichloroethane	30	30	0.4 U
Carbon Tetrachloride	2	1	0.3 U
Bromodichloromethane	1	1	0.2 U
1,2-Dichloropropane	1	1	0.5 U
cis-1,3-Dichloropropene	NA	1	0.1 U
Trichloroethene	1	1	0.4 U
Dibromochloromethane	10	1	0.3 U
1,1,2-Trichloroethane	3	3	0.2 U
Benzene	1	1	0.2 U
trans-1,3-Dichloropropene	NA	NA	0.2 U



## SUMMARY OF ANALYTICAL RESULTS: Y294

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of PQLs and GW Quality	NJ Higher of PQLs and GW Quality	WD-1-Grab
Lab Sample No.			942976
Sampling Date			08/15/2008 00:00
Matrix			WATER
Dilution Factor			1
Units			ug/L
<b>VOLATILE COMPOUNDS (GC/MS)</b>			
2-Chloroethyl Vinyl Ether	100	NA	0.2 U
Bromoform	4	4	0.2 U
Tetrachloroethene	1	1	0.4 U
1,1,2,2-Tetrachloroethane	1	1	0.4 U
Toluene	1000	1000	0.6
Chlorobenzene	50	50	0.2 U
Ethylbenzene	700	700	0.4 U
Xylene (Total)	1000	1000	0.4 U
Total Confident Conc.			0.6
Total Estimated Conc. (TICs)			10.7

NR - Not analyzed.

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.  
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the sample.

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# SUMMARY OF ANALYTICAL RESULTS: Y294

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	WD-1-Comp
Lab Sample No.	PQLs and	PQLs and	942975
Sampling Date	GW Quality	GW Quality	08/15/2008 00:00
Matrix	2000 Criteria	2005 Criteria	WATER
Dilution Factor			
Units	ug/l	ug/l	ug/l
<b>METALS</b>			
Cadmium	4	4	0.4 U
Copper	1000	1300	19 B
Lead	10	5	8.4
Mercury	2	2	0.1 U
Nickel	100	100	7.8 B
Zinc	5000	2000	20.3 B

NR - Not analyzed.

U - The compound was not detected at the indicated concentration.

B - Reported value is less than the Reporting Limit but greater than the Instrument Detection Limit.

N - The spiked sample recovery is not within control limits.

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## SUMMARY OF ANALYTICAL RESULTS: Y294

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of PQLs and GW Quality 2000 Criteria	NJ Higher of PQLs and GW Quality 2005 Criteria	WD-1-Comp	WD-1-Grab
Lab Sample No.			942975	942976
Sampling Date			08/15/2008 00:00	08/15/2008 00:00
Matrix			WATER	WATER
Dilution Factor				
Units				
WET CHEMISTRY				
BOD (mg/l)	NA	NA	5 U	NR
Temperature (Field Measured) (deg C)	NA	NA	NR	23.5
pH (Field Measured) (std units)	NA	NA	NR	7.27

NR - Not analyzed.

U - The compound was not detected at the indicated concentration.

0 - Non-ignitable.

1 - Ignitable.

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

## ANALYTICAL REPORT

PROJECT NO. Y294

TestAmerica Edison

Lot #: C8H160116

Alison Sedlak

TestAmerica Edison

TESTAMERICA LABORATORIES, INC.



Christina M. Kovitch  
Project Manager

August 21, 2008

301 Alpha Drive Pittsburgh, PA 15238 tel 412.963.7058 fax 412.963.2468 [www.testamericainc.com](http://www.testamericainc.com)

Y294

TestAmerica Edison

111



## NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
NFESC	NA	NAVY	X
US Dept of Agriculture	(#P330-07-00101)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW	X
		HW	X
California – NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – NELAC	(#E87660)	WW	X
		HW	X
Illinois – NELAC	(#200005)	WW	X
		HW	X
Kansas – NELAC	(#E-10350)	WW	X
		HW	X
Louisiana – NELAC	(#93200)	WW	X
		HW	X
New Hampshire – NELAC	(#203002)	WW	X
		–	–
New Jersey – NELAC	(PA-005)	WW	X
		HW	X
New York – NELAC	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah – NELAC	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

HW Hazardous Waste certification

WW Non-potable Water and/or Wastewater certification

X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 12/28/07 C:\Documents and Settings\derubeisn\My Documents\NELAC NARRATIVE Ptsburgh.doc

**CASE NARRATIVE****LOT # C8H160116****Sample Receiving:**

TestAmerica's Pittsburgh laboratory received one sample on August 16, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

**General Chemistry:**

There were no problems associated with the analysis.

**METHODS SUMMARY**

C8H160116

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
N-Hexane Extractable Material (1664A)	CFR136A 1664A H	EPA 1664A

**References:**

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

**SAMPLE SUMMARY**

C8H160116

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KT9ED	001	942976	08/15/08	10:00

**NOTE(S) :**

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filler test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

YUS H III

777 New Durham Road  
Edison, New Jersey 08817  
Phone: (732) 549-3900 Fax: (732) 549-3679

PAGE 1 OF 1

Water Metals Filtered (Yes/No)? N/A

Relinquished by	Company	Date / Time	Received by	Company
1) <i>Adler</i>	TestAmerica Edison	8/15/08 1600	1) UPS	
2)	Company	8/16/08 0900	2) <i>Patricia L. Ward</i>	TA - Pittsburgh
Test America Pittsburgh				

# Cooler Receipt Form TestAmerica Pittsburgh

Client: Test America Edison Project: 8/16/08 Quote: 476.71  
Cooler Rec'd & Opened for Temp. Check on: 8/16/08  
Coolers Opened and Unpacked on: 8/16/08 By: PCF  
(Signature)  
TestAmerica Pittsburgh Lot Number: C8H160116

	Yes	No	NA
1. Were custody seals on the outside of the cooler? _____ If YES, how many and where? Quantity ____ Location _____ Were signatures and date correct? _____		<input checked="" type="checkbox"/>	
2. Were custody papers included inside the cooler? _____	<input checked="" type="checkbox"/>		
3. Were custody papers properly filled out (ink, signed, match labels)? _____	<input checked="" type="checkbox"/>		
4. Did you sign the custody papers in the appropriate place? _____	<input checked="" type="checkbox"/>		
5. Was shippers packing slip attached to this form? _____	<input checked="" type="checkbox"/>		
6. Were packing materials used? _____ If YES, what type? <u>Bubble Wrap</u>	<input checked="" type="checkbox"/>		
7. Were the samples received within the acceptable temperature range? _____	<input checked="" type="checkbox"/>		
8. Were the samples appropriately preserved? _____	<input checked="" type="checkbox"/>		
9. Were all bottles sealed in separate plastic bags? _____	<input checked="" type="checkbox"/>		
10. Did all bottles arrive in good condition (unbroken)? _____	<input checked="" type="checkbox"/>		
11. Were all bottle labels complete (sample ID, preservatives, etc.)? _____	<input checked="" type="checkbox"/>		
12. Did all bottle labels and/or tags agree with custody papers? _____	<input checked="" type="checkbox"/>		
13. Were correct bottles used for tests indicated? _____	<input checked="" type="checkbox"/>		
14. Were all VOA vials checked for the presence of air bubbles? _____		<input checked="" type="checkbox"/>	
15. Was a sufficient amount of sample sent in each bottle? _____			<input checked="" type="checkbox"/>
16. Samples received by: FEDEX <u>UPS</u> CLIENT DROP-OFF OTHER DHL US CARGO			

Explain any discrepancies: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Level 2 Review \_\_\_\_\_  
Was contacted on \_\_\_\_\_ by \_\_\_\_\_ to resolve discrepancies.





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31.÷  
107,975.451612\*  
  
107,975.451612\*  
10.÷  
10,797.6451612\*  
  
10,797.645161\*  
118,774.003773\*

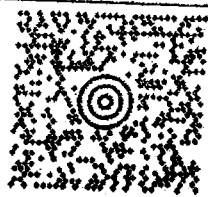
SAMPLE MANAGER  
(732) 549-3900  
TESTAMERICA-EDISON  
777 NEW DURHAM ROAD  
EDISON NJ 08817

19 LBS

SHIP TO:

CHRIS KOVITCH  
(412) 963-7058  
TEST AMERICA PITTSBURGH  
RIDC PARK  
301 ALPHA DRIVE

PITTSBURGH PA 15238-2907



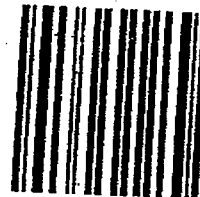
PA 152 9-20



UPS NEXT DAY AIR

TRACKING #: 1Z 083 95E 44 4871 2450

19



**DIRECTLY BELOW ADDRESS LABEL**

[illegible]

**DATA SUMMARY PACKAGE**

## **GENERAL CHEMISTRY SUMMARY**

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